

PTO 1449		Page 1 of 4	
INFORMATION DISCLOSURE STATEMENT		Atty Dkt: 3504.290	Serial No. 10/030,214
Title: <b>Chemical Synthesis and Use of Soluble Membrane Protein Receptor Domains</b>		Applicant: <b>KOCHENDOERFER, Gerd, G.</b>	
		Filing Date: 09 March 2000	Group

OIP  
 MAY 14 2002  
 1076  
 RECEIVED





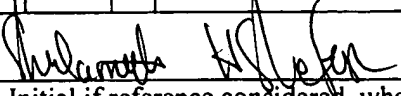
U.S. PATENT DOCUMENTS							
Initial	Patent Number	Issue Date	Inventor Name	Class	Sub-Class	Filing Date	
CLAS	AA1	5,462,856	Lerner <i>et al.</i>	435	721	16-Jul-1991	
↓	AB1	5,726,290	Bodary <i>et al.</i>	530	350	19-May-1998	
↓	AC1	5,783,402	Konig <i>et al.</i>	435	721	01-Jul-1996	
↓	AD1	5,837,486	Bodary <i>et al.</i>	435	69.1	19-May-1995	

FOREIGN PATENT DOCUMENTS							
Initial	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No	
CLAS	AL1	WO 95/03321	PCT	C07K	1/13		
↓	AM1	WO 98/56807	PCT	C07K	1/02		
↓	AN1	WO 00/53624	PCT	C07K	1/00		

OTHERS, including Author, Title, Date, Pertinent Pages, etc.		
CLAS	AR1	Bobovnikova, Y. <i>et al.</i> , "Characterization Of Soluble, Disulfide Bond-Stabilized, Prokaryotically Expressed Human Thyrotropin Receptor Ectodomain," <i>Endocrinology</i> (1995) 138:588-593
↓	AS1	Bozon, V. <i>et al.</i> , "Influence Of Promoter And Signal Peptide On The Expression And Secretion Of Recombinant Porcine LH Extracellular Domain In Baculovirus/Lepidopteran Cells Or The Caterpillar System," <i>J. Mol. Endocrinol.</i> (1995) 14:277-284
↓	AT1	Cao, Y.J. <i>et al.</i> , "The Amino-Terminal Fragment Of The Adenylate Cyclase Activating Polypeptide (PACAP) Receptor Functions As A High Affinity PACAP Binding Domain," <i>Biochem Biophys Res. Commun.</i> (1995) 212(2):673-680
↓	AR2	Chow, B.K., "Functional Antagonism Of The Human Secretin Receptor By A Recombinant Protein Encoding The N-Terminal Ectodomain Of The Receptor," <i>Recept. Signal Transduct.</i> (1997) 7:143-150
↓	AS2	Cornish, V.W., <i>et al.</i> , "Site-Specific Incorporation Of Biophysical Probes Into Proteins," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 2910-2914, April 1994

Examiner: <i>William H. Chalk</i>	Date Considered: <i>1-10-06</i>
-----------------------------------	---------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

PTO 1449				Page 2 of 4			
INFORMATION DISCLOSURE STATEMENT				Atty Dkt: 3504.290		Serial No. 10/030,214	
				Applicant: KOCHENDOERFER, Gerd, G.			
Title: Chemical Synthesis and Use of Soluble Membrane Protein Receptor Domains				Filing Date: 09 March 2000		Group	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Issue Date	Inventor Name	Class	Sub- Class	Filing Date
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation Yes/No
965	AL2	WO97/39131	23-Oct-1997	PCT	C12N	15/62	
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
	AT2	/	Couvineau, A. <i>et al.</i> , "Highly Conserved Aspartate 68, Tryptophane 73 And Glycine 109 In The N-Terminal Extracellular Domain Of The Human VIP Receptor Are Essential For Its Ability To Bind VIP," Biochem. Biophys. Res. Comm. (1995) 206:246-252				
	AR3	/	DeAlmeida, V.I. <i>et al.</i> , "Identification Of Binding Domains Of The Growth Hormone-Releasing Hormone Receptor By Analysis Of Mutant And Chimeric Receptor Proteins," Molecular Endocrinology (1998) 12:750-765				
	AS3	/	Gether, U. <i>et al.</i> , "Fluorescent Labeling Of Purified Beta 2 Adrenergic Receptor. Evidence For Ligand-Specific Conformational Changes," J. Biol. Chem. (1995) 270:28268-28275				
	AT3	/	Kim, J. <i>et al.</i> , "Topological Disposition Of Cys 222 In The Alpha-Subunit Of Nicotinic Acetylcholine Receptor Analyzed By Fluorescence-Quenching And Electron Paramagnetic Resonance Measurements," Biochemistry (1998) 37:(13):4680-4686				
Examiner: 				Date Considered 1-10-00			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							





PTO 1449		Page 3 of 4	
INFORMATION DISCLOSURE STATEMENT		Atty Dkt: 3504.290	Serial No. 10/030,214
Title: <b>Chemical Synthesis and Use of Soluble Membrane Protein Receptor Domains</b>		Applicant: <b>KOCHENDOERFER, Gerd, G.</b>	
		Filing Date: 09 March 2000	Group

### U.S. PATENT DOCUMENTS

Examiner's Initial	Patent Number	Issue Date	Inventor Name	Class	Sub-Class	Filing Date

### FOREIGN PATENT DOCUMENTS

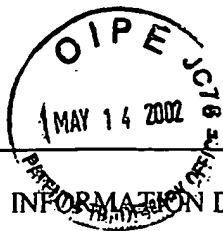
Document Number	Date	Country	Class	Sub-Class	Translation Yes/No

### OTHERS, including Author, Title, Date, Pertinent Pages, etc.

	AR4	✓	Miranda, L. P., <i>et al.</i> , "Accelerated Chemical Synthesis of Peptides and Small Proteins," Proc. Natl. Acad. Sci. USA, Vol 96, pp. 1181-1186, February 1999
	AS4	✓	Muir, T.W., <i>et al.</i> , "Design and Chemical Synthesis of a Neoprotein Structural Model for the Cytoplasmic Domain of a Multisubunit Cell-Surface Receptor: Integrin, (Platelet GPIIb-IIIa)," Biochemistry, Vol. 33, No. 24, 1994, pp 7701-7708
	AT4	✓	Turcatti, G., <i>et al.</i> , "Probing the Structure and Function of the Tachykinin Neurokinin-2 Receptor through Biosynthetic Incorporation of Fluorescent Amino Acids at Specific Sites," Journal of Biological Chemistry, Vol. 271, No. 33, Issue of August 16, pp.19991-19998, 1996
	AR5	✓	Wilken, J. <i>et al.</i> , "Chemical Protein Synthesis," Curr. Opin. Biotech. (1998) 9(4):412-426
	AS5	✓	Willshaw, A. <i>et al.</i> , "Over-Expression Of The N-Terminal Domain Of The Glucagon-Like Peptide-1 Receptor In Escherichia coli," Biochemical Society Transactions (1998)26:S288

Examiner:	Date Considered: 1-10-06
-----------	--------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



PTO 1449 INFORMATION DISCLOSURE STATEMENT				Page 3 of 4			
				Atty Dkt: 3504.290		Serial No. 10/030,214	
Title: Chemical Synthesis and Use of Soluble Membrane Protein Receptor Domains				Applicant: KOCHENDOERFER, Gerd, G.			
				Filing Date: 09 March 2000		Group	
U.S. PATENT DOCUMENTS							
Examiner's Initial		Patent Number	Issue Date	Inventor Name	Class	Sub-Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
OTHERS, including Author, Title, Date, Pertinent Pages, etc.							
gls	AT6	/	Wilmen, A., <i>et al.</i> , "The Isolated N-terminal Extracellular Domain of the Glucagon-like Peptide-1 (GLP)-1 Receptor has Intrinsic Binding Activity," FEBS Letters 398 (1996) 43-47				
↓	AR7	/	Wilmen, A. <i>et al.</i> , "Five Out Of Six Tryptophan Residues In The N-Terminal Extracellular Domain Of The Rat GLP-1 Receptor Are Essential For Its Ability To Bind GLP-1," Peptides (1997) 18:301-305				
↓	AS7	/	Wilmen, A. <i>et al.</i> , " The Isolated N-Terminal Extracellular Domain Of The Glucagon-Like Peptide-1 (GLP)-1 Receptor Has Intrinsic Binding Activity," FEBS Letters (1996) 398:43-47				
Examiner:				Date Considered: 1-10-06			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							